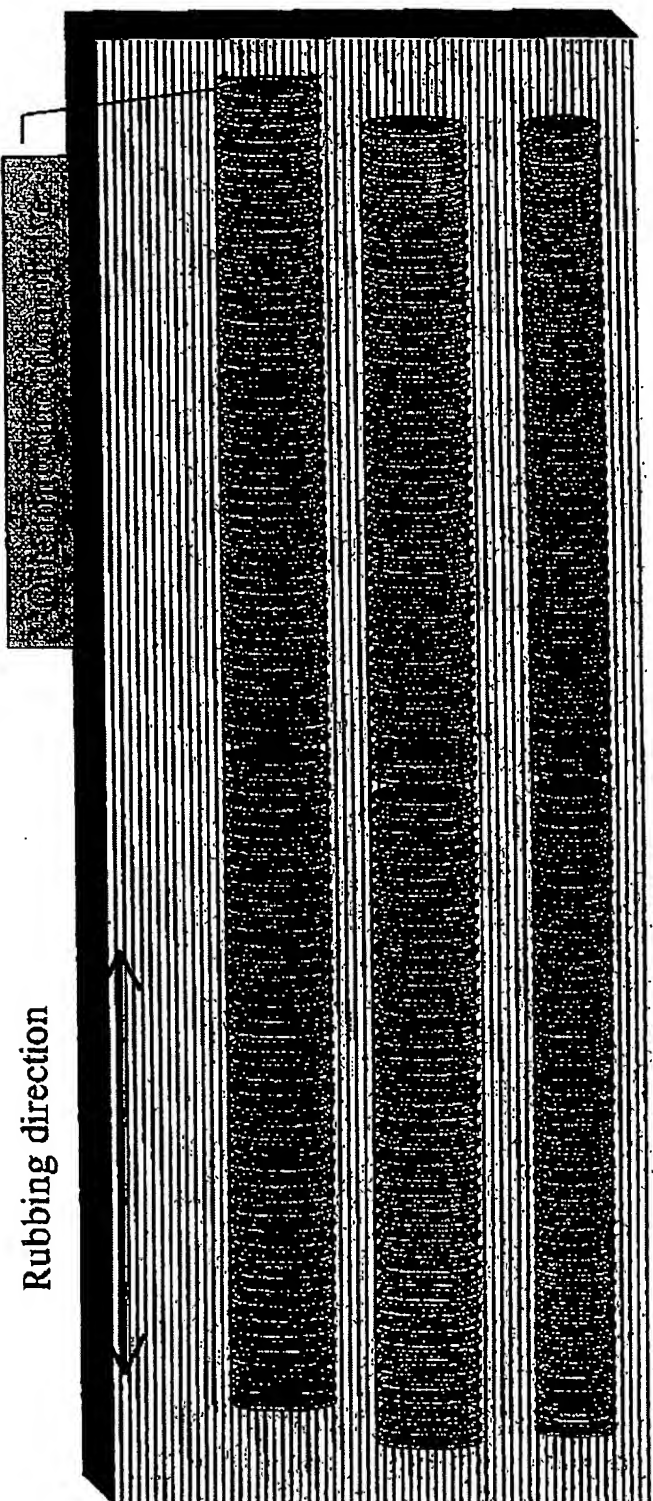


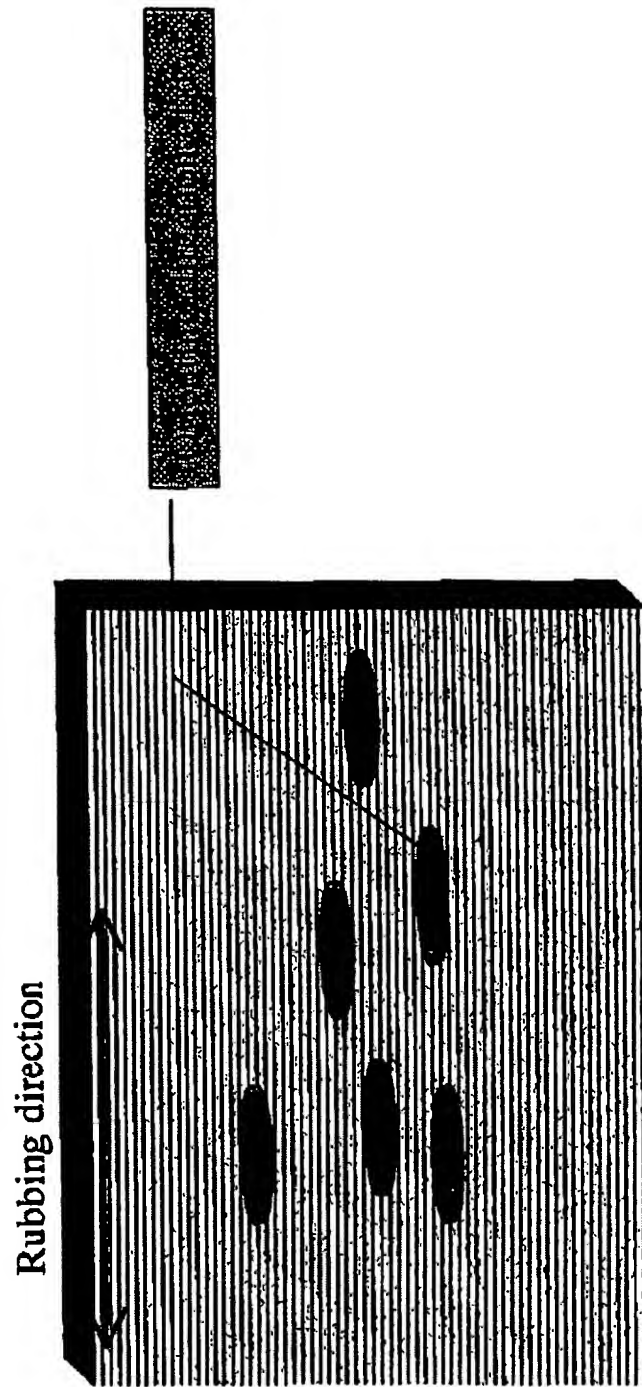


The present invention: a dye orienting perpendicular to
the rubbing direction



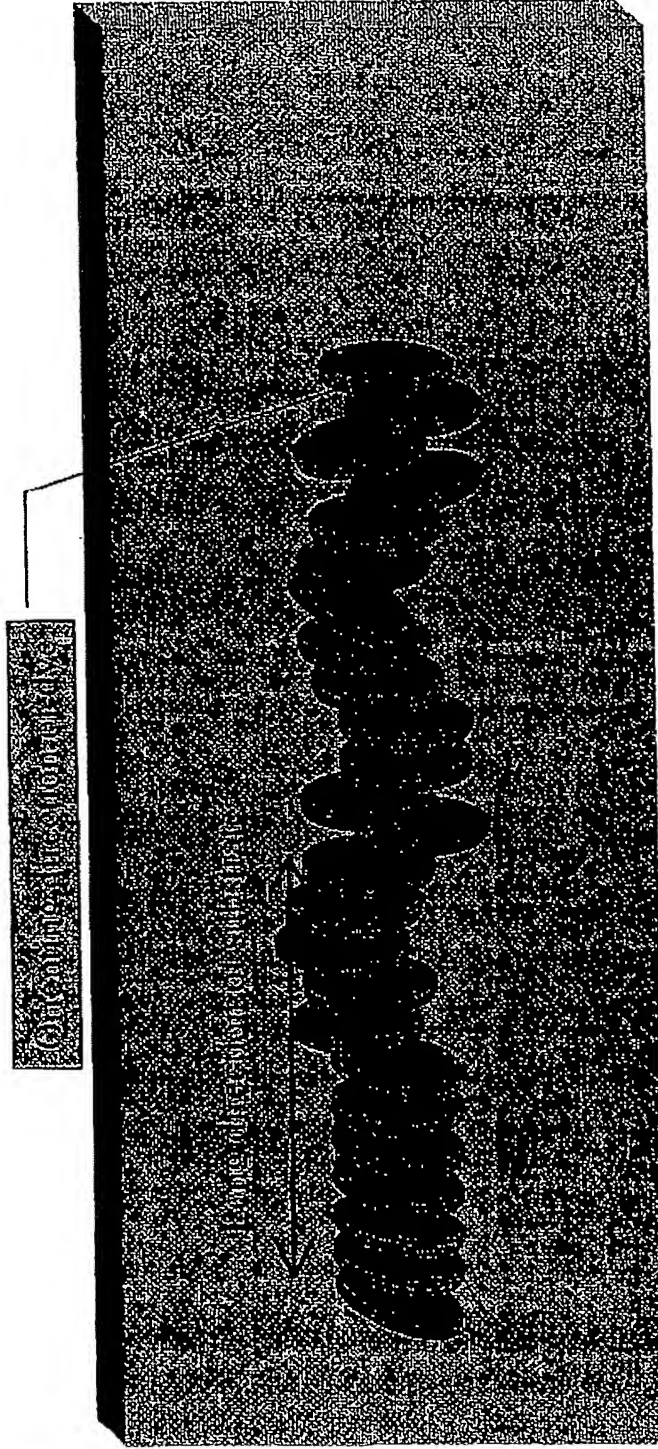
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WO9607941 : a dye orienting parallel to the rubbing
direction



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US6,563,640: molecular orienting roughly perpendicular
to the substrate



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